

10/549782  
JC05 Rec'd PCT/PTO 19 SEP 2005

Docket No.: 09600-00035-US  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Ksenia Egorova et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: THERMALLY STABLE AMIDASES

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

Application No.: Not Yet Assigned

Docket No.: 09600-00035-US

**10/549782**

application by this firm) to our Deposit Account No. 03-2775, under Order No. 09600-00035-US. A duplicate copy of this paper is enclosed.

Dated: *September 19, 2005*

Respectfully submitted,

By Christine M. Hansen  
Christine M. Hansen

Registration No.: 40,634  
CONNOLLY BOVE LODGE & HUTZ LLP  
1007 North Orange Street  
P.O. Box 2207  
Wilmington, Delaware 19899  
(302) 658-9141  
(302) 658-5614 (Fax)  
Attorney for Applicant

417030

JC05 Rec'd PCT/PTO 19 SEP 2005

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Ksenia Egorova
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	09600-00035-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	Database EMBL 'Online! EBI; 20 July 2001, "Bacillus stearothermophilus glutamyl-tRNAGln amidotransferase subunit C (gatC), glutamyl-tRNAGln amidotransferase subunit A (gatA), and glutamyl-tRNAGln amidotransferase subunit B (gatB) genes, complete cds.", Database Accession No. AY040860.			
	CB	Database GenBank Protein 'Online! NIH; 6 June 2002, "Putative DNA helicase 'Salmonella enterica subsp. enterica serovar Typhi!'. Database Accession No. CAD06784.			
	CC	Yamaki, T. et al, "Cloning and Sequencing of a Nitrile Hydratase Gene From <i>Pseudonocardia thermophila</i> JCM3095", Journal of Fermentation and Bioengineering (1997), Vol. 83, No. 5, pp. 474-477.			
	CD	Kobayashi, M. et al., "Amidase Coupled With Low-Molecular-Mass Nitrile Hydratase From <i>Rhodococcus rhodochrous</i> J1", Eur. J. Biochem. 217 (1993), pp. 327-336.			
	CE	d'Abusco, A. S. et al., "Molecular and Biochemical Characterization of the Recombinant Amidase from Hyperthermophilic Archaeon <i>Sulfolobus solfataricus</i> ", Extremophiles 5 (2001), pp. 183-192.			
	CF	Nawaz, M. et al., "Physical, Biochemical and Immunological Characterization of a Thermostable Amidase from <i>Klebsiella pneumoniae</i> NCTR 1", Journal of Bacteriology (1996), pp. 2397-2401.			
	CG	Baek, D. H. et al., "New Thermostable D-methionine Amidase from <i>Brevibacillus borstelensis</i> BCS-1 and its application for D-phenylalanine Production", Enzyme and Microbial Technology 32 (2003), pp. 131-139.			
	CH	Egorova, K. et al., "Biotechnologically Relevant Enzymes and Proteins: Purification and Properties of an Enantioselective and Thermoactive Amidase from the Thermophilic actinomycete <i>Pseudonocardia thermophila</i> ", Applied Microbiology and Biotechnology, 21 April 2004, pp. 1-15 (Epub ahead of print, retrieved from internet <a href="http://springerlink.metapress.com">http://springerlink.metapress.com</a> ).			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--